Department of Information Technology

Academic Year: 2020 - 21 (Semester: II)			
Class	**:**	**Second Year**	**Date: 06/06/2021**
Course Name	**:**	**Computer Graphics Laboratory**	
Name of the Faculty	**:**	**Ms. U. S. Tambe**	
Name of Method	**:**	**Studio Based Learning**	

1. Objectives of Method:

To improve logical and analytical skill

2. Topic Covered through Activity:

All the practical assignments are covered in this activity.

3. Description of method with Benefits (8 – 10 lines):

In this method, small piece of code with errors (in Open GL) is given to the students. They check the logical or syntax error in the program and write the appropriate remarks based on the source program. This activity enhances student's programming skills. It helped students in increasing learning motivation, analyzing the programming concept in details. Confidence level of the students gets improved with the help of this activity.

4. The method: In this method, small piece of code with errors (in Open GL) is given to the students. They check the logical or syntax error in the program and write the appropriate remarks based on the source program.

5. Roles and Responsibilities:

Teacher: Assign different erroneous code to students.

Student: Student should able to solve the erroneous code and detect the errors from given code.

6. Assessment Tools & Rubrics:

Sr. No	Name of Method	Evaluation Criteria	Max. Score	Excellent (100%)	Satisfactory (60%)	Poor (20%)
1.	**Studio-based Learning (Peer Code Review)**	**Error detection**	10	• Syntactical error • Logical error • Remark	• Syntactical error • Logical error • ~~Remark~~	• Syntactical error • ~~Logical error~~ • ~~Remark~~
		Assessment	10	• 100% correct answers	• 40% to 60 % correct answers	• Below 40% correct answers
		Timely completion	5	• Completion within given time	• Completion with 5 minutes delay	• Late completion

7. Evaluation Sheet:

Department of Information Technology

Academic Year : 2020-21   **Class SE**   **Sem- II**

Subject: Computer Graphics   **Innovative Method: Studio Based Learning**

Objectives of Activity: To improve logical and analytical skills

PO's mapped:

PO1: Engineering knowledge: An ability to apply knowledge of mathematics including discrete mathematics as well as probability and statistics, science, and computing in core IT solutions.

PO2. Problem analysis: An ability to identify and define a problem and provide a systematic solution with the help of conducting experiments, as well as analyzing and interpreting the data.

PO3. Design/development of solutions: An ability to design, implement, and evaluate a software or embedded system, component, or process to meet desired needs within realistic constraints.

PO12: Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Activity Description:

Programming code is assigned to students. They have to find out the errors from the code and correct it.

Rules of activity:

1. Students should detect error, mentioned it and write correct code.
2. 20 minutes for each student for the activity

PSO1: An ability to apply knowledge of mathematics basic computing fundamentals and problem solving strategies to provide effective IT solutions

Roll No	Name of Student	Eror Detection (10)	Assesment(10)	Timely Submission (5)	Total Marks (25)	Sign
1	PRAJWAL SATISH AHER	10	10	01	21	
2	PRASAD RAMCHANDRA AHER	0	10	1	11	
3	SHREYA RAVINDRA BACHHAV	10	10	5	25	
4	SHRUTIKA MAHENDRA BADGUJAR	10	10	5	25	
5	NEHA RAVINDRA BAGUL	10	10	1	20	
6	PRACHI GANESH BHAT	0	10	1	11	
7	TEJAL RAMESH BHOI	05	10	4	19	
8	DARSHAN JAYWANT BORSE	00	10	5	15	
9	NIKITA PRALHAD BORSE	10	10	5	25	
10	SACHIN VASANT BORSE	00	00	05	05	
11	KANHAIYA SUNIL CHALASE	00	10	05	15	
12	CHETANA ANIL CHAUDHARI	10	10	05	25	
13	RAHUL DEEPAK CHAVAN	10	10	05	25	
14	KUNAL NARENDRA DASHPUTE	0	10	01	11	
15	AKSHADA PANDHARINATH GAHILE DESHPANDE	10	10	05	25	
16	NITIKA KUNAL GAIKWAD	0	10	4	14	
17	PRACHI BHAUSAHEB GANGURDE	10	10	1	21	
18	SHWETA BHASKAR GANGURDE	0	10	5	15	
19	SHRUTIKA PURUSHOTTAM GOSAVI	10	10	4	24	
20	VIBHUTI RAOSAHEB GUDAGHE	10	10	5	25	
21	TEJAS UTTAM HADOLE	00	10	5	15	

Roll No	Name of Student	Eror Detection (10)	Assesment(10)	Timely Submission(5)	Total Marks (25)	Sign
22	KHUSHI NANDKISHOR JADHAV	10	10	5	25	
23	SHREYAS MAHENDRA JADHAV	10	10	01	21	
24	TEJASHRI RATAN JADHAV	10	10	05	25	
25	SNEHAL RAJESH JAGTAP	10	10	05	25	
26	POOJA RAJESH JAIN	10	10	01	21	
27	PRASANNA JITENDRA KEDARE	10	10	01	21	
28	SARTHAK HARIBHAU KHALKAR	2	10	05	17	
29	SAMINA PARVEZ KHAN	10	10	05	25	
30	KRISHA DHIRENKUMAR KHANDHAR	0	10	05	15	
31	GOPAL RAJESH MALANI	10	08	01	19	
32	SHOBHIT GAJANAN MOHADIKAR	00	10	01	11	
33	MEHUL DHARMENDRA MULCHANDANI	05	10	01	16	
34	KARTIK BHASKAR NARAYANE	10	10	01	21	
35	PRARABDHA MAKRAND NATHE					Ab
36	YUVRAJ PRAKASH NEMADE	10	10	01	21	
37	CHETAN MAHENDRA NER					Ab
39	RAJ DILIPRAO NIKAM	10	10	05	25	
40	SAURAV SHANTARAM PARDESHI	00	10	04	14	
41	AVISHKAR JAYVANT PATIL					Ab
42	BHAGYASHRI UJWAL PATIL					Ab
43	MAYUR BHAGWAT PATIL	10	10	01	21	
44	PURVI KISHOR PATIL	10	10	05	25	
45	SAHIL RAMESH PATIL	05	05	01	11	
46	SAYALI BHARAT PATIL	10	10	05	25	
47	SRUSHTI RAOSAHEB PATIL	10	10	05	25	
48	ANJALI SANJAY RAJOLE	10	10	4	24	
49	PAYAL KISHOR ROHRA	10	10	01	21	
50	ANIKET SHRIHARI SAINDRE	00	10	01	11	
51	MANSI DINESH SALUNKHE	00	10	01	11	
52	POOJA NITIN SANKLECHA	05	10	05	20	
53	KETAN RAVINDRA SAPKALE	10	00	01	11	
54	HRUTIKA BHARAT SAWANT	10	10	03	23	
55	ZULFIN TAIYYAB SHAIKH	00	10	05	15	
56	HARSHAL POPAT SHINDE	10	10	01	21	
57	MEGHA BHARAT SHINDE	00	10	05	15	
58	RAJASHREE PRASHANT SHINDE	10	10	05	25	
59	NISHIGANDHA PRAVIN SHIRSATH	05	10	05	20	
60	PRATHAMESH MADHUKAR SHIRSATH	10	10	05	25	
61	CHINMAY BHASKAR SINNARKAR	00	10	01	11	
62	KAMESHBHAI PRAVINBHAI SURYAVANSHI	00	10	01	11	
63	SAKSHI RAJENDRA THETE	00	10	04	14	
64	SALONI SHAMKANT THETE	00	10	04	14	
65	MAYUR NANAJI THOKE	04	05	01	10	
66	PRIYANKA BALASAHEB VIDHATE	10	10	05	25	
67	POOJA KAILAS VINCHU	00	10	04	14	

Roll No	Name of Student	Eror Detection (10)	Assesment(10)	Timely Submission(5)	Total Marks (25)	Sign
68	AKSHAY SHARAD WAGH	10	10	05	25	
69	PRAJAKTA DNYANESHWAR WANKHEDE	00	10	03	13	
70	SAKSHI SANJAY WAVDHANE	00	10	05	15	
71	SWATI VISHNU ZAGADE	10	10	05	25	
72	ISHIKA SHAMRAO GAIKWAD	10	10	05	25	
73	MANAS RAJENDRA JADHAV	10	10	01	21	
74	DNYANESHWARI CHANDRAKANT GAIKWAD	10	10	5	25	
75	VAIBHAV RAVINDRA AHIRE	9	10	1	20	
76	ROHIT SOMNATH ANARTHE	0	10	1	11	
77	HARSHVARDHAN SHAILESH SURYAWANSHI					Ab
78	VISHAL JIBHAU HIRE					Ab
79	KHUSHI HARISH BAFANA	0	10	05	15	
80	MANSI VIKAS GANGURDE	10	10	05	25	
81	KANCHAN DHAUALU GHUTE			01		→ Documet missing
82	SAKSHI GORAKH GODSE	10	10	05	25	
83	MRUNALI VIJAY HANDGE	0	10	05	15	
84	GAYATRI SANJAY KUMAVAT	0	10	05	15	
85	SHOUNAK JAYANT PAITHANE	0	10	05	14	
86	MADHUSUDAN SANJAY PATIL	0	10	05	15	
87	NEHA HANSRAJ PAWAR	10	10	01	21	
88	RUTUJA KIRANKUMAR PAWAR	0	10	05	15	
89	RAVI HANUMAN SIRAME	00	10	01	11	
90	SANKET RAMESH WANKHEDE	0	10	05	15	

Ms. U. S. Tambe
Subject Teacher

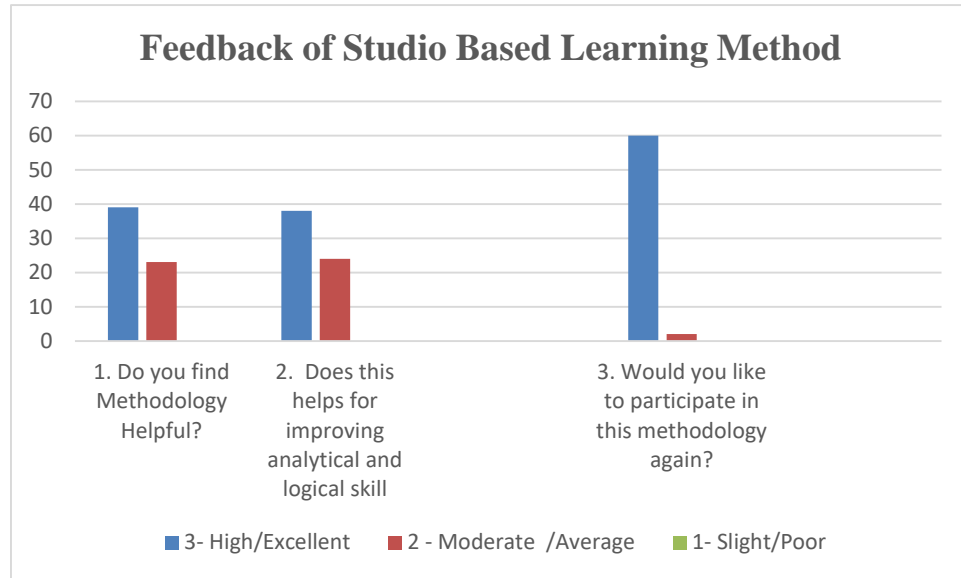## 9. Impact Analysis : Insert graph of feedback analysis

Questions	3- High/Excellent	2 - Moderate /Average	1- Slight/Poor
1. Do you find Methodology Helpful?	39	23	00
2. Does this helps for improving analytical and logical skill	38	24	00

3. Would you like to participate in this methodology again?	Yes : 60	No -2	

Feedback of Studio Based Learning Method

10. Activity Photo :

10. For review and critique contact: e-mail address of faculty and hod …

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Ms. U. S. Tambe	Ms. R. R. Tajanpure	Dr. V. R. Sonawane
Subject In charge	Module Coordinator	HoD